

Infrastructure Funding

Infrastructure Task Force Meeting

August 15, 2013

Timothy Gross, PE, Director of Public Works/City Engineer

Derrick Tokos, Community Development Director

City of Newport Statistics/Watersheds/Water Rights

Statistics

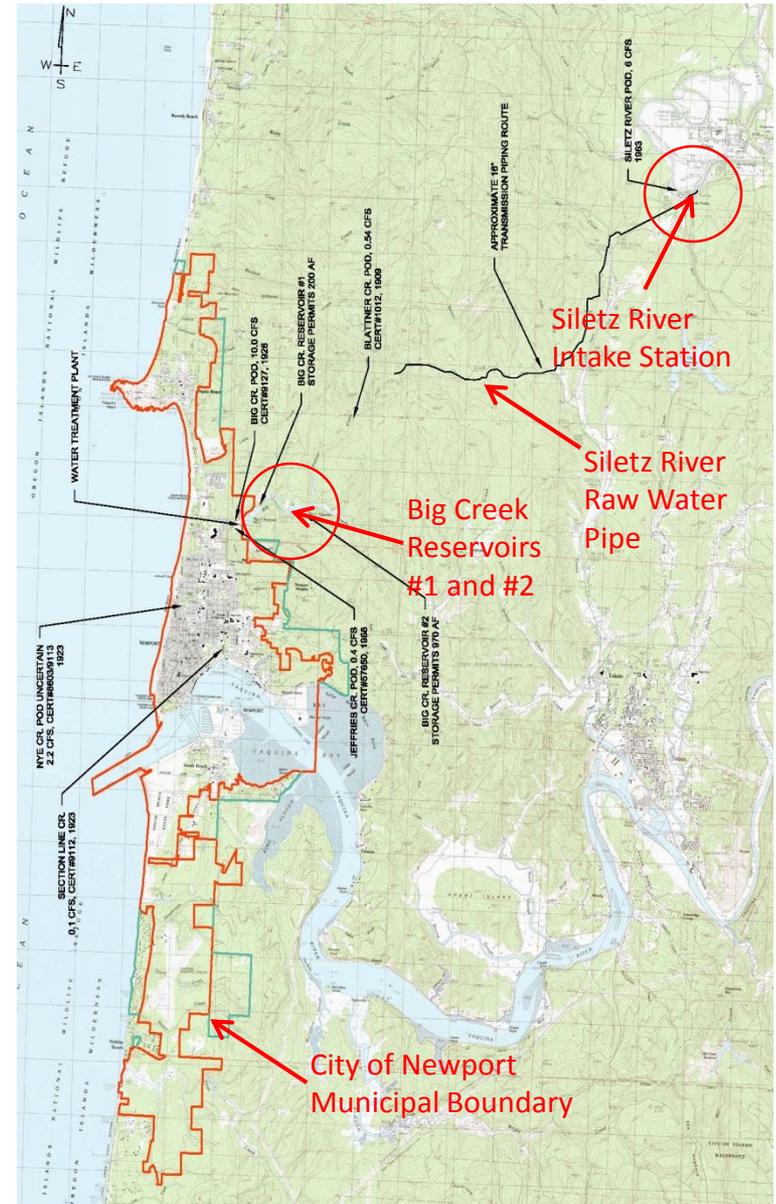
- Population
 - 10,000 regular residents
 - Up to 50,000 with tourists
- Production
 - 726 MG last year (97 MCF/2,228 AC FT)
 - Fill an area 460'x460'x460'
 - average 2 MGD, max 5 MGD

Watersheds

- Primary Watersheds:
 - Siletz River Watershed (200 sq mi)
 - Big Creek Watershed (3.3 sq mi)

Water Rights

- Water rights in 10 different locations
- Primary water rights:
 - Siletz River – 6 CFS (3.88 MGD)



Siletz River Intake Station and Raw Water Line

Siletz Intake Station

- 3-200 HP Pump
- 208 psi discharge pressure

Siletz Raw Water Line

- 5.7 miles of pipe
- 550' of elevation change
- 1.9 miles of open channel flow
- Total Distance from intake to reservoir: 7.6 miles

- Much of the terrain is so inaccessible that repairs would likely require materials and equipment to be flown in by helicopter.



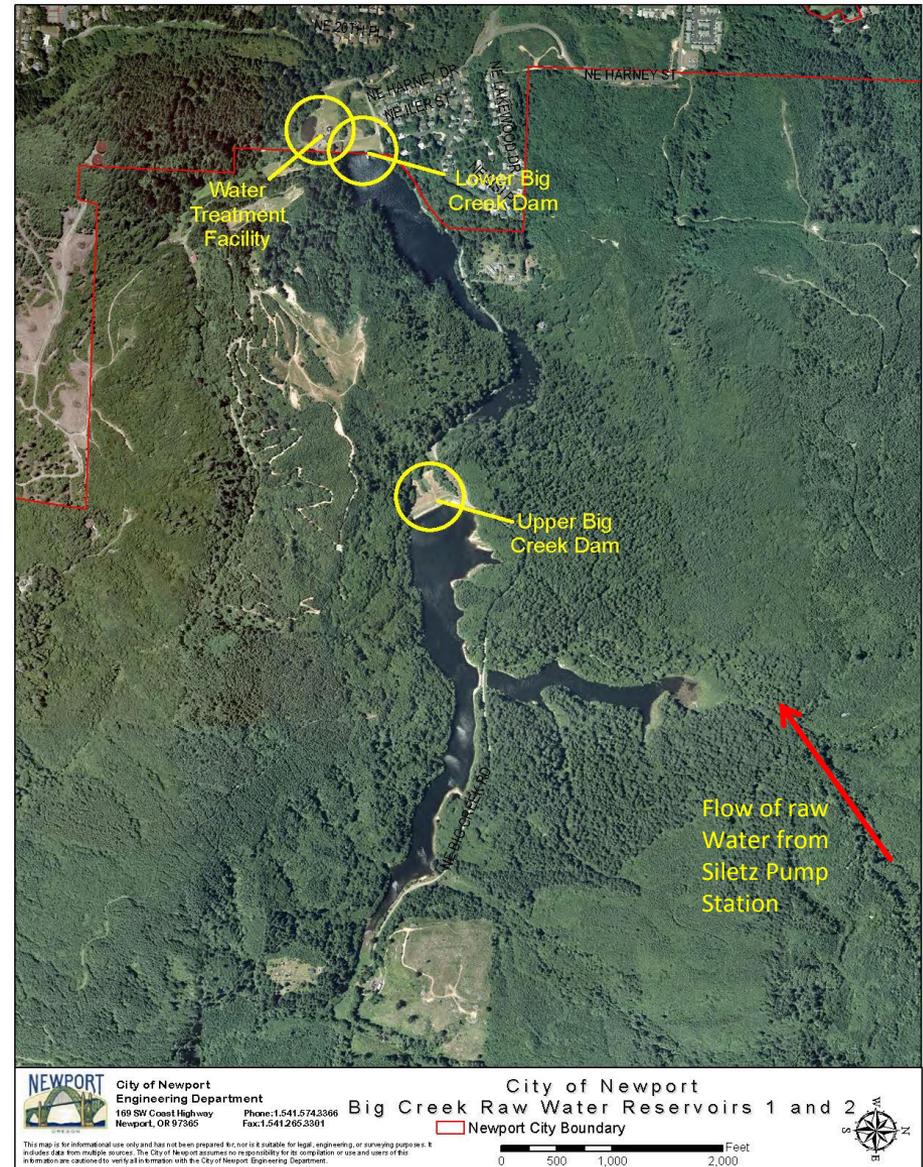
Big Creek Reservoirs 1 and 2 and Water Treatment Facility

Raw Water Storage Capacity

- Big Creek Reservoir #1 – 200 Ac Ft (8.7 MG)
- Big Creek Reservoir #2 – 970 Ac Ft (42.2 MG)

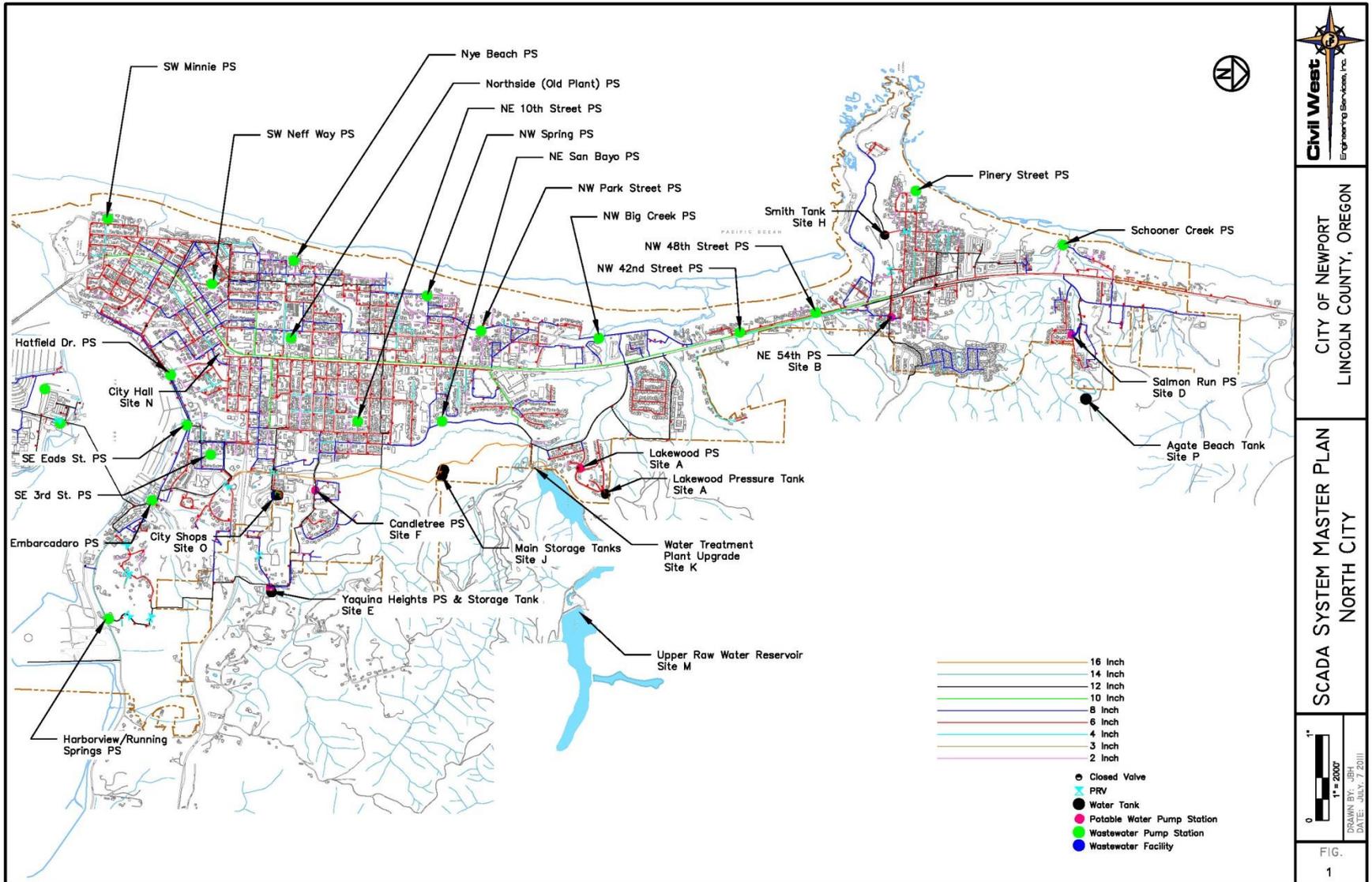
Water Treatment Facility

- Current design capacity - 5 MGD
- Practical Design Capacity – 3.5 MGD (Due to capacity limitations in GAC tanks)



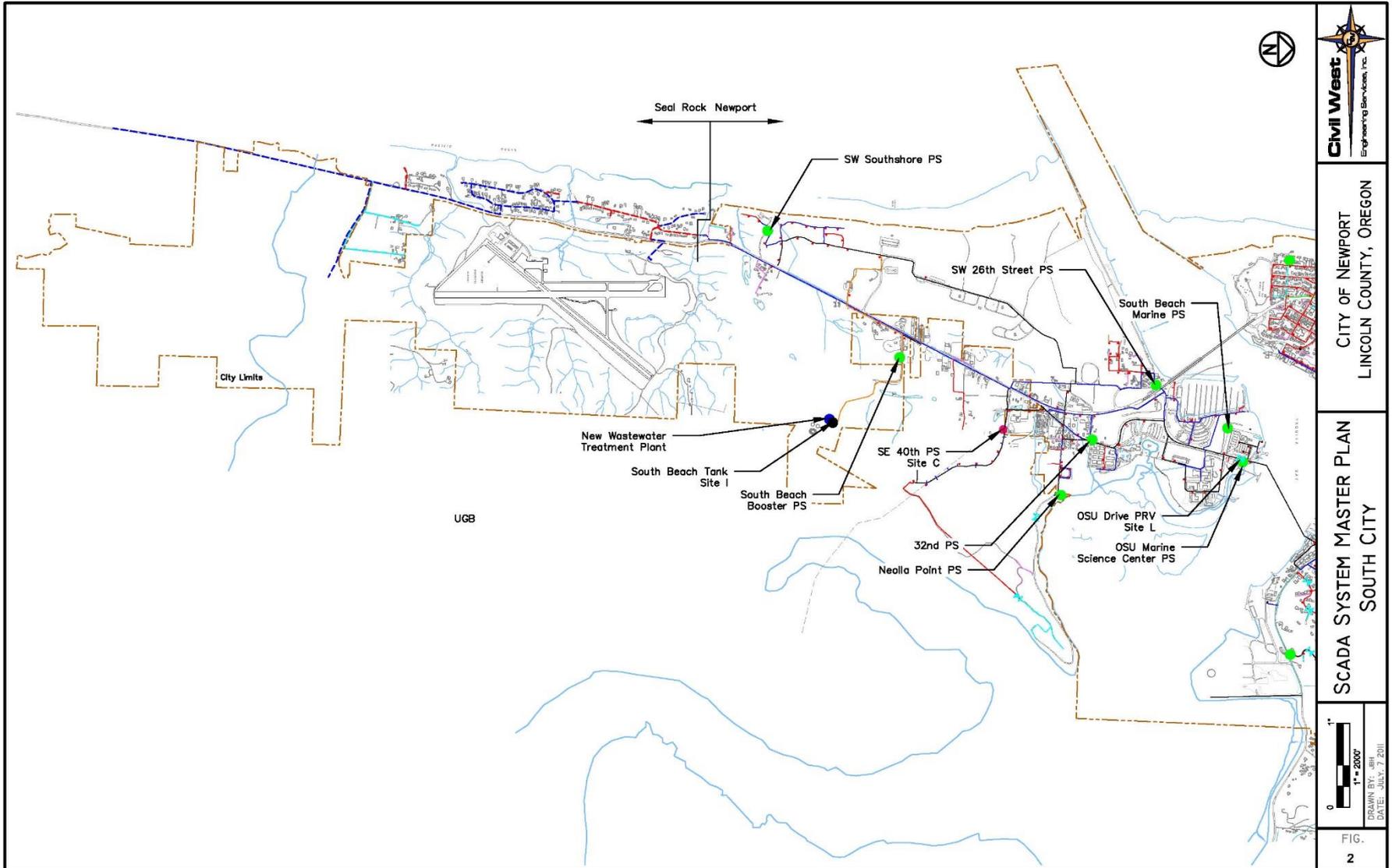
Water Tanks and Pump/Booster Stations

- 7 Water Tanks
- 6 Water Booster Stations
- 26 Wastewater Lift Stations



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Water Distribution System

- FY14 Water Operating Budgets: (3310) Treatment - \$805,340
 (3320) Distribution - \$910,970
 (3390) Non-Dept - \$1,152,365
 \$2,868,675
- FY14 Water Capital Improvements: (3350) \$981,824
- Source: Water Enterprise Fund

Table 5.5.1 – Pipe Inventory, Existing Distribution System

Diameter (inches)	Length (feet)	% Total
2	35,000	7.4%
3	800	0.2%
4	27,500	5.8%
6	154,000	32.4%
8	130,200	27.4%
10	23,900	5.0%
12	85,600	18.0%
14	3,300	0.7%
16	15,600	3.3%
Total	475,900 90.1	feet miles

Wastewater & Stormwater Collection Systems

- Total system lengths, sizes and condition unknown
- Lengths, sizes and some condition information will be included in system masterplans being developed this fiscal year
- FY14 Wastewater Operating Budgets:

(3410) Treatment -	\$1,224,833
(3420) Collections -	\$618,155
(3490) Non-Dept -	<u>\$1,676,605</u>
	\$3,519,593
- FY14 Wastewater Capital Improvements: (3450) \$605,407
- Source: Wastewater Enterprise Fund
- FY14 Stormwater Operating Budget: (3220) \$572,290
- Source: Street Fund
- FY14 Stormwater Capital Improvements: (3220) \$641,278 (City funding only)
- Source: Capital Projects (Infrastructure Fee, Storm Drain SDC's)

Wastewater Treatment Plant

- Total Plant Capacity: 15 MGD
- Total Permitted Capacity: 5 MGD
- Average Daily Flow: 3 MGD



Street Systems

- FY14 Streets Operating Budget: (3210)
\$790,230
- Source: Streets Fund
- FY14 Street Improvements: \$279,943
- Source: Capital Projects (ODOT Fund Exchange, Newport Gas Tax)

2012 MILEAGE REPORT

GREG SCHAECHER
ASST. CITY ENGINEER
169 SW COAST HWY
NEWPORT, OR 97365

TYPES	DESCRIPTION	DEC. 31, 2011	CHANGE	DEC. 31, 2012	LANEMILES
		Centerline Miles	Centerline Miles	Centerline Miles	(If Known)
U,V	UNIMPROVED (Open for Travel)	0.00	-0-	0.00	0.00
D	GRADED & DRAINED (Natural Surface)	0.03	-0-	0.03	0.06
G	GRADED & DRAINED (Gravel)	11.41	-0-	11.41	22.82
O	OIL MAT	0.26	-0-	0.26	0.52
A	ASPHALT CONCRETE	43.21	-0-	43.21	86.42
N	CONCRETE, BRICK, STONE	0.16	-0-	0.16	0.32
TOTAL MILEAGE		55.07	-0-	55.07	110.14

Prepared by: (please print)

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Title Assist. City Engr.

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Please return to:

Oregon Department of Transportation
Road Inventory and Classification Services Unit
Danny G. Spaulding
555 13th St. NE, Suite 2
Salem, OR 97301-4178

NEWPORT-5245
Lincoln

Newport Municipal Airport

- Size: 700 acres
- Buildings:
 - Fixed Base Operator: hangar space, airport and rental services
 - Airport Rescue and Firefighting Facility
 - Hangars (19)
- Runways:
 - 16-34 (primary) 5,398 feet
 - 2-20 (crosswind) 3,001 feet
- Taxiway: 3,020 feet
- Apron and Aircraft Parking: 190,000 sq. ft.
- Navigational Aids: Approach lighting system (MALSR), beacons, and signage
- Fuel: 22,000 gallon capacity
- Paved parking and access road

FY 13-14 Budget: \$760,000 (excluding one time capital outlay of \$8.6 mil to resurface runway)

Funding Source: General Fund, federal and state grants



Park Land

Developed Sites

Name	Address	Size	Activities
Don Davis Park	840 W. Olive St.	2.7 acres	Memorial, Ocean view
Coast Park	100 Blk SW Coast	1.4 acres	Playground, picnic area, open play, natural area
Mombetsu Sister City Park	620 SW Neff Way .	0.6 acres	Japanese Garden
Literacy Park	370 W. Olive St.	1.0 acre	Amphitheater and recreation area
Wilder Dog Park	625 SE 43rd St.	0.7 acres	Fenced Dog park
Wilder Twin Park	625 SE 43rd St.	0.3 acres	Playground
Sam Moore Skate Park	656 NW High St .	1.4 acres	Open play area, playground, natural area
Sam Moore Parkway	656 NW High St .	6.0 acres	Trail, benches
Betty Wheeler	852 NW Nye St.	2.0 acres	Baseball fields, restroom, storage building, parking area
Frank V. Wade Memorial Park	1445 NE Big Creek Rd .	8.0 acres	Baseball/softball fields, tennis courts, playground, parking area, natural area
Big Creek Park	2510 NE Big Creek Rd.	2.5 acres	Playground, picnic area with shelter, open play area, parking area
Agate Beach Park	185 NW 60th St.	1.0 acres	Playground, dog park, natural area
Founding Rock Park	511 SW Coast Hwy	.1 acres	Memorial, landscaped area
Yaquina Bay Playground	~500 SW Government St	-----	Playground and open play area
Ann Davis Park	~745 SW Elizabeth St	-----	Beach access
Point Park	NW 12 th and Spring Street	0.2 acres	Open play area, natural area
Nye Beach Turnaround	777 NW Beach Dr	.46 acres	Restrooms, picnic tables, beach access
Abby Street Pier	669 SE Bay Blvd	0.2 acres	Pier, restroom, parking
Lucky Gap Trailhead	NW Gilbert Way and US 101	0.5 acres/ 640 linear ft	Pathway, natural area
Ocean to Bay Trail	NE Harney Dr/NE Big Creek Rd.	0.67 miles	Trails, boardwalks, interpretive signage
Bay Boulevard Boardwalk	452 SE Bay Blvd	1,300 linear ft	Pathway

Park Land cont.

Passive Sites

Name	Location	Size	Characteristics
Forest Park	NE 12 th and Big Creek Road	96 acres	Wooded, streams
Coastal Gully (South Beach)	SW 30 th and Coho	.35 acres	Wooded, wetland
Guin Property (South Beach)	SE Chestnut Between SE 35 th and SE 40 th Street	2.5 acres	Wooded, wetland
Agate Beach	NW 60 th and Biggs Street	3.0 acres	Wooded, flat
Agate Beach Slope	Blocks 109/110 (along bluff)	6.0 acres	Beach, Cliff
Big Creek Floodplain	-----	7.5 acres	Wetlands
Wilder Open Space	SE 43 rd and Harborton (next to park)	1.4 acres	Wooded, steep
Jump-Off Joe Site	NW 14 th and Spring Street	4.0 acres	Beach, cliff
Waterfront Trails	Coastline	5,280 Linear Feet	Beach, cliff

* Numerous City owned drainages have not been fully inventoried and are not included in the list.

- FY14 Parks Maintenance Operating Budget: (1330) \$301,613
- FY14 Parks Capital Projects: \$25,000

Funding Source: General fund

Public Buildings

Name	Address	XStreet
Library	35 NW Nye St	W. Olive St
City Hall	169 SW Coast Hwy	SE Angle St
Recreation Center	225 SE Avery St.	SE 2 nd St
Senior Center	20 SE 2nd St.	SE Avery St
PAC	777 W. Olive St	SW Coast St
VAC	777 NW Beach Drive	N/A
Pool	1212 NE Fogarty St	NE 12th St
Fire Department (Main Station)	245 NW 10th St	NW Nye St
Fire Department (North Station)	225 NE 73RD ST	NE Avery St
Fire Department (Airport)	North end of Airport	US 101
Public Works Shops	845 NE 3rd St	NE Harney St
Waste Water Treatment Plant	5525 SE 50th Pl	N/A
Airport ONP	135 SE 84th St	US 101
Water Treatment Plant	2810 NE Big Creek Rd	N/A
Old Wastewater Plant	140 NW 3 rd Street	NW Nye St
Summer Activity Center Building (Frank Wade Park)	1445 NE Big Creek Rd	N/A
Abbey Street Pier Building (lease)	669 SW Bay Blvd	N/A
Pig and Pancake Building (lease)	810 SW Alder	US 101
Bornstein Seafoods (lease)	761 SW Bay Blvd	N/A
Lincoln County Children's Advocacy Center (lease)	125 NE 47TH ST	US 101
Lincoln County Juvenile Dept (portion of building)	753 NW Brook Street	N/A
9 th and Hurbert Restroom	925 SW HURBERT ST	SW 9 th St
Port Dock 1 Restroom	~1100 SW Lee St	Bay Blvd
Abby St Pier Restroom	686 SW Bay Blvd	Abby St

- FY14 Facilities Maintenance Operating Budget: (1310) \$322,230
- FY14 Facilities Capital Projects: (1320) \$100,000

Other Rights-of-Way

Name	Property Type
Nye Beach Turnaround	Public Parking
9th and Hurbert Parking Lot	Public Parking
Fall Street Parking Lot	Public Parking
Abbey Street Parking Lot	Public Parking
Canyon Way Parking Lot	Public Parking
Hurbert/101 Parking Lot	Public Parking
Clock Property (across from City Hall)	Planting Bed
Marine Science Drive/Roundabout	Planting Bed, Trail Lights, Drainage Improvements
Jetty Trail	Planting Bed, Trail Lighting
Safe Haven Hill (South Beach)	Tsunami Assembly Area
North Welcome to Newport Sign	Sign, Planting Bed
South Welcome to Newport Sign	Sign, Planting Bed
East Welcome to Newport Sign	Sign, Planting Bed

FY 13-14 Budget:

Funding Source: General fund